

IFWP

RAW SEQUENCE LISTINGPATENT APPLICATION: **US/10/585,884**DATE: 07/20/2006

TIME: 08:41:04

Input Set : A:\50026.059001.txt

Output Set: N:\CRF4\07202006\J585884.raw

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3 <110> APPLICANT: IWADATE, Yasuo
             YAMAURA, Akira
             INOUE, Makoto
             HASEGAWA, Mamoru
      8 <120> TITLE OF INVENTION: Gene Therapy for Tumors Using Minus-Strand RNA Viral Vectors
        Encoding Immunostimulatory Cytokines
    11 <130> FILE REFERENCE: 50026/059001
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/585,884
C--> 13 <141> CURRENT FILING DATE: 2006-07-12
    13 <150> PRIOR APPLICATION NUMBER: PCT/JP2005/000238
    14 <151> PRIOR FILING DATE: 2005-01-12
    16 <150> PRIOR APPLICATION NUMBER: JP 2004-005186
    17 <151> PRIOR FILING DATE: 2004-01-13
    19 <160> NUMBER OF SEQ ID NOS: 20
    21 <170> SOFTWARE: PatentIn version 3.3
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    25 <212> TYPE: DNA
    26 <213 > ORGANISM: Homo sapiens
    29 <220> FEATURE:
    30 <221> NAME/KEY: CDS
    31 <222> LOCATION: (1)..(399)
    33 <400> SEQUENCE: 1
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    35 Ala Pro Thr Ser Ser Ser Thr Lys Lys Thr Gln Leu Gln Leu Glu His
                                                                               96
    38 tta ctg ctg gat tta cag atg att ttg aat gga att aat aat tac aag
    39 Leu Leu Leu Asp Leu Gln Met Ile Leu Asn Gly Ile Asn Asn Tyr Lys
    42 aat ccc aaa ctc acc agg atg ctc aca ttt aag ttt tac atg ccc aag
                                                                              144
    43 Asn Pro Lys Leu Thr Arg Met Leu Thr Phe Lys Phe Tyr Met Pro Lys
    44
               35
                                    40
                                                                              192
    46 aag gcc aca gaa ctg aaa cat ctt cag tgt cta gaa gaa gaa ctc aaa
    47 Lys Ala Thr Glu Leu Lys His Leu Gln Cys Leu Glu Glu Glu Leu Lys
                                55
                                                                              240
    50 cct ctg gag gaa gtg cta aat tta gct caa agc aaa aac ttt cac tta
    51 Pro Leu Glu Glu Val Leu Asn Leu Ala Gln Ser Lys Asn Phe His Leu
                            70
                                                75
                                                                              288
    54 aga ccc agg gac tta atc agc aat atc aac gta ata gtt ctg gaa cta
    55 Arg Pro Arg Asp Leu Ile Ser Asn Ile Asn Val Ile Val Leu Glu Leu
    56
                        85
    58 aag gga tot gaa aca aca tto atg tgt gaa tat got gat gag aca goa
                                                                              336
    59 Lys Gly Ser Glu Thr Thr Phe Met Cys Glu Tyr Ala Asp Glu Thr Ala
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105
60
               100
62 acc att gta gaa ttt ctg aac aga tgg att acc ttt tgt caa agc atc
                                                                          384
63 Thr Ile Val Glu Phe Leu Asn Arg Trp Ile Thr Phe Cys Gln Ser Ile
                               120
          115
                                                                          399
66 atc tca aca ctg act
67 Ile Ser Thr Leu Thr
68
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73 <212> TYPE: PRT
74 <213> ORGANISM: Homo sapiens
76 <400> SEQUENCE: 2
78 Ala Pro Thr Ser Ser Ser Thr Lys Lys Thr Gln Leu Gln Leu Glu His
82 Leu Leu Leu Asp Leu Gln Met Ile Leu Asn Gly Ile Asn Asn Tyr Lys
               20
                                    25
86 Asn Pro Lys Leu Thr Arg Met Leu Thr Phe Lys Phe Tyr Met Pro Lys
                               40
90 Lys Ala Thr Glu Leu Lys His Leu Gln Cys Leu Glu Glu Glu Leu Lys
                           55
94 Pro Leu Glu Glu Val Leu Asn Leu Ala Gln Ser Lys Asn Phe His Leu
98 Arg Pro Arg Asp Leu Ile Ser Asn Ile Asn Val Ile Val Leu Glu Leu
                                        90
102 Lys Gly Ser Glu Thr Thr Phe Met Cys Glu Tyr Ala Asp Glu Thr Ala
103
                                     105
                100
106 Thr Ile Val Glu Phe Leu Asn Arg Trp Ile Thr Phe Cys Gln Ser Ile
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110 Ile Ser Thr Leu Thr
111
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140 <212> TYPE: RNA

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287 <220> FEATURE:

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327	atccgcggcc gcgatgaact ttcaccctaa gtttttctta ctacggattt aaatggcgcg	60
329	cca	63

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20

VERIFICATION SUMMARY

DATE: 07/20/2006

PATENT APPLICATION: US/10/585,884

TIME: 08:41:05

Input Set : A:\50026.059001.txt

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date